

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp	
L1	54	(US-20060050892-\$ or US-20020136414-\$ or US-20030184645-\$ or US-20050100176-\$ or US-20040037437-\$ or US-20040179697-\$ or US-20040005064-\$ or US-20040022392-\$ or US-20040252845-\$ or US-20040005065-\$ or US-20020009203-\$ or US-20020181721-\$).did. or (US-5602962-\$ or US-5526433-\$ or US-5610991-\$ or US-4559642-\$ or US-5959667-\$ or US-7016505-\$ or US-5473701-\$ or US-6707489-\$ or US-5515445-\$ or US-4752961-\$ or US-3626365-\$ or US-5675659-\$ or US-5778082-\$ or US-5109419-\$ or US-3967063-\$ or US-6683964-\$ or US-6243471-\$ or US-4072821-\$ or US-5806031-\$ or US-4581758-\$ or US-4862502-\$ or US-3964694-\$ or US-4559602-\$ or US-4536887-\$ or US-5058170-\$ or US-6697491-\$). did. or (US-4408533-\$ or US-6683962-\$ or US-5870480-\$ or US-5796844-\$ or US-6987856-\$ or US-6516066-\$ or US-5404397-\$ or US-5161197-\$ or US-5136650-\$ or US-3845572-\$ or US-4209672-\$ or US-5694474-\$ or US-6151397-\$ or US-7035416-\$ or US-6317501-\$ or US-6067360-\$).did.	US-PGPUB; USPAT	OR	ON		2006/08/18 13:59
S1	141432	sound and direction	US-PGPUB; USPAT	OR	ON	2006/08/12 16:47	
S2	13906	sound with direction	US-PGPUB; USPAT	OR	ON	2006/08/09 16:26	
S3	233	sound with direction same model	US-PGPUB; USPAT	OR	ON	2006/08/09 16:27	
S4	76	sound with direction same model same time	US-PGPUB; USPAT	OR	ON	2006/08/09 16:42	
S5	127576	sound with direction amd rise with time	US-PGPUB; USPAT	OR	ON	2006/08/09 16:42	
S6	417	sound with direction and rise with time	US-PGPUB; USPAT	OR	ON	2006/08/09 16:43	
S7	146	sound with direction and rise near time	US-PGPUB; USPAT	OR	ON	2006/08/09 16:53	

## EAST Search History

S8	21	sound with direction and rise near time and log	US-PGPUB; USPAT	OR	ON	2006/08/09 16:54
S9	0	"3845572".ap.	US-PGPUB; USPAT	OR	ON	2006/08/10 09:41
S10	1	"3845572".pn.	US-PGPUB; USPAT	OR	ON	2006/08/10 09:48
S11	8	("4862502" "5109419" "5136650" "5161197" "5796844" "5870480" 2004/0005065 2004/0022392 "6683962" "6697491").did.	US-PGPUB; USPAT	OR	ON	2006/08/10 09:49
S12	8	("4862502" "5109419" "5136650" "5161197" "5796844" "5870480" \$-2004/0005065-\$ \$-2004/0022392-\$ "6683962" "6697491").did.	US-PGPUB; USPAT	OR	ON	2006/08/10 09:50
S13	10	("4862502" "5109419" "5136650" "5161197" "5796844" "5870480" \$-20040005065-\$ \$-20040022392-\$ "6683962" "6697491").did.	US-PGPUB; USPAT	OR	ON	2006/08/10 09:50
S14	21	(US-20040022392-\$ or US-20040005065-\$ or US-20040005064-\$ or US-20040179697-\$).did. or (US-4209672-\$ or US-6683964-\$ or US-5806031-\$ or US-4581758-\$ or US-4559602-\$ or US-4408533-\$ or US-3964694-\$ or US-3967063-\$ or US-3845572-\$ or US-6697491-\$ or US-6683962-\$ or US-5870480-\$ or US-5796844-\$ or US-5161197-\$ or US-5136650-\$ or US-5109419-\$ or US-4862502-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/17 19:49
S15	380	381/56.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 14:19
S16	404	381/58.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 14:53
S22	464	381/92.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/12 17:42
S23	193	"381".clas. and multiple near source	US-PGPUB; USPAT	OR	ON	2006/08/16 16:21
S24	121	"381".clas. and multiple near source and direction	US-PGPUB; USPAT	OR	ON	2006/08/16 16:22
S25	7	"381".clas. and (multiple near source) same detect\$ and direction	US-PGPUB; USPAT	OR	ON	2006/08/16 16:29
S26	18159	(multichannel "multi-channel") and detection	US-PGPUB; USPAT	OR	ON	2006/08/16 16:30
S27	279	(multichannel "multi-channel") near detection	US-PGPUB; USPAT	OR	ON	2006/08/17 12:40

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S28	13	(multichannel "multi-channel") near detection same power	US-PGPUB; USPAT	OR	ON	2006/08/16 16:33
S29	0	(multichannel "multi-channel") near detection same stereo	US-PGPUB; USPAT	OR	ON	2006/08/16 16:33
S30	1	((surround near sound) . . . surroundsound) near detection	US-PGPUB; USPAT	OR	ON	2006/08/17 12:40
S31	382	381/56.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 14:41
S32	36	sound near direction with multiple	US-PGPUB; USPAT	OR	ON	2006/08/17 14:41
S33	408	381/58.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 15:02
S34	464	381/92.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 15:29
S35	296	381/92.ccls. and multip\$10	US-PGPUB; USPAT	OR	ON	2006/08/17 15:30
S36	183	381/92.ccls. and multip\$10 same (sourc\$5 sound)	US-PGPUB; USPAT	OR	ON	2006/08/17 15:31
S37	133	381/92.ccls. and multip\$10 with (sourc\$5 sound)	US-PGPUB; USPAT	OR	ON	2006/08/17 15:31
S38	32	381/92.ccls. and multip\$10 near (sourc\$5 sound)	US-PGPUB; USPAT	OR	ON	2006/08/17 16:37
S39	1741	367/118-130.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 16:38
S40	466	367/118-130.ccls. and multiple	US-PGPUB; USPAT	OR	ON	2006/08/17 16:38
S41	72	367/118-130.ccls. and multiple with source	US-PGPUB; USPAT	OR	ON	2006/08/17 16:39
S42	32	367/118-130.ccls. and multiple near2 source	US-PGPUB; USPAT	OR	ON	2006/08/17 18:38
S43	381	381/59	US-PGPUB; USPAT	OR	ON	2006/08/17 18:38
S44	282	381/59.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 19:02
S45	2098	348/14.01-14.16.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 19:02
S46	24	348/14.01-14.16.ccls. and multiple near source	US-PGPUB; USPAT	OR	ON	2006/08/17 19:18
S47	23	348/14.01-14.16.ccls. and multiple near speakers	US-PGPUB; USPAT	OR	ON	2006/08/17 19:11
S48	139	348/14.16.ccls.	US-PGPUB; USPAT	OR	ON	2006/08/17 19:16
S49	1020	348/14.01-14.16.ccls. and multiple	US-PGPUB; USPAT	OR	ON	2006/08/17 19:16

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S50	50	348/14.16.ccls. and multiple	US-PGPUB; USPAT	OR	ON	2006/08/17 19:16
S51	104	348/14.01-14.16.ccls. and multiple near user	US-PGPUB; USPAT	OR	ON	2006/08/17 19:26
S52	112	348/14.01-14.16.ccls. and zone	US-PGPUB; USPAT	OR	ON	2006/08/17 19:39
S53	2	("6067360" "5404397").pn.	US-PGPUB; USPAT	OR	ON	2006/08/17 19:46
S54	0	"20010028719.did"	US-PGPUB; USPAT	OR	ON	2006/08/17 19:46
S55	0	"\$-20010028719-\$.did"	US-PGPUB; USPAT	OR	ON	2006/08/17 19:46
S56	0	"\$-2001-0028719-\$.did"	US-PGPUB; USPAT	OR	ON	2006/08/17 19:46
S57	0	"\$-2001/0028719-\$.did"	US-PGPUB; USPAT	OR	ON	2006/08/17 19:47
S58	0	"\$-20010028719-\$.did"	US-PGPUB; USPAT	OR	ON	2006/08/17 19:51
S59	0	"us-20010028719-\$.did"	US-PGPUB; USPAT	OR	ON	2006/08/17 19:48
S60	0	"US-20010028719-\$.did"	US-PGPUB; USPAT	OR	ON	2006/08/17 19:48
S61	5	"820341".ap.	US-PGPUB; USPAT	OR	ON	2006/08/17 19:50
S62	7	"820342".ap.	US-PGPUB; USPAT	OR	ON	2006/08/17 19:50
S63	0	"\$-2001028719-\$.did"	US-PGPUB; USPAT	OR	ON	2006/08/17 19:51
S64	0	"\$-200100028719-\$.did"	US-PGPUB; USPAT	OR	ON	2006/08/17 19:51
S65	0	"810989".pn.	US-PGPUB; USPAT	OR	ON	2006/08/18 11:16
S66	8	"810989".ap.	US-PGPUB; USPAT	OR	ON	2006/08/18 11:16